

TABLE 2
2016 CIP Budget
Current Status

	C	D	E	N	O	P	Q	R	S	T	U	V	W	X
1	County Monitor Team Recommendations for MSD 2016 CIP													
2	General Note 1: A Quality Assurance Report shall be provided for each project requesting design, right-of-way or construction funding. The QA Report is a comparison of the current project design to the approved BCE project approach and must be approved by the County prior to any expenditures of the authorized funds.													
3	General Note 2: This document is based upon the County's assessment of MSD's 2016 CIP proposal and the information provided as of November 10, 2015.													
4											CIP Status			
5	Initial ROW No.	Project ID	Projects by Program	MSD's Aug. 13, 2015 Requested Funding	MSD's Nov. 10, 2015 Requested Funding	MSD's Nov. 15, 2015 Requested Funding	Current County Monitor Recommended Funding as of Nov. 20, 2015	County Monitor Recommendation Y=Yes C=Conditional N=No R=Removed by MSD	County Monitor Comments	Total PDE and Allowances if Approved in CIP	(Conditional) Total PDE and Allowances if Approved in CIP	Total Construction if Approved in CIP	(Conditional) Total Construction if Approved in CIP	Total
6	5		TOTAL ALL PROJECTS	\$ 331,236,506	\$ 299,054,498	\$ 283,569,998	\$ 292,735,498	100.00%		\$ 14,896,700	\$ 7,751,795	\$ 201,355,101	\$ 57,231,902	\$ 281,235,498
7	6		TOTAL WWIP PROJECTS	\$ 226,893,111	\$ 216,587,003	\$ 201,457,703	\$ 217,717,703	74.37%		\$ 13,146,700	\$ 3,462,592	\$ 193,808,411	\$ 7,300,000	\$ 217,717,703
8	7		WWIP PROJECTS	\$ 204,297,411	\$ 196,635,311	\$ 196,546,011	\$ 198,546,011	67.82%		\$ 6,586,700	\$ 2,087,700	\$ 189,871,611	\$ -	\$ 198,546,011
9	8	10130740	Werk & Westbourne EHRT Facility	\$ 38,823,900	\$ 38,923,900	\$ 38,923,900	\$ 38,923,900	Y	Operating Strategy for demonstration procedures of the Pilot Facility is needed to inform current design elements.	\$ 100,000	\$ -	\$ 38,823,900	\$ -	\$ 38,923,900
10	9	10141080	Ludlow and Lafayette Parallel Sewer	\$ 3,161,000	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
11	10	10143920	CSO 194 High Point Sewer Separation	\$ 593,200	\$ 456,200	\$ 456,200	\$ 456,200	Y		\$ -	\$ -	\$ 456,200	\$ -	\$ 456,200
12	11	10143923	CSO 194 Sewer Separation contract 3	\$ 2,982,000	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
13	12	10143940	CSO 195 Westwood Northern Sewer Separation	\$ 2,083,100	\$ 533,100	\$ 533,100	\$ 533,100	Y		\$ -	\$ -	\$ 533,100	\$ -	\$ 533,100
14	13	10143962	CSO 525 Sewer Separation Contract 3	\$ 1,711,000	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
15	14	10170176	Stanley Ave Lateral Relocaions	\$ 148,700	\$ 148,700	\$ 148,700	\$ 148,700	Y	Associated with Eastern Delta Phase 3 project.	\$ -	\$ -	\$ 148,700	\$ -	\$ 148,700
16	15	10170812	Little Miami WWTP Electrical and Disinfection Improvement	\$ 1,575,900	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD to coordinate with incinerator.	Removed	Removed	Removed	Removed	\$ -
17	16	10170816	Little Miami WWTP Main Outfall Improvements	\$ 87,700	\$ 87,700	\$ 87,700	\$ 87,700	C	Provide updated BCE for LMWWTP Planning Bundle.	\$ -	\$ 87,700	\$ -	\$ -	\$ 87,700
18	17	10171580	CSO 54 Improvements	\$ 228,200	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
19	18	10240021	CSO 217 483 Source Control - Phase C	\$ 193,500	\$ 193,500	\$ 193,500	\$ 193,500	Y	Provide BCE including an analysis and results of residents alternatives. Provide by January 31, 2016 a plan for execution of the BCE.	\$ 193,500	\$ -	\$ -	\$ -	\$ 193,500
20	19	11140010	SSO 700 Intergratged Watershed Action Plan	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	Y		\$ 1,500,000	\$ -	\$ -	\$ -	\$ 1,500,000
21	20	11140065	West Branch Mill Creek IWAP	\$ 1,500,000	\$ -	\$ -	\$ -	N	All the IWAPs included in the 2015 CIP are not being executed. Those and others are to be included in the 2016 CIP with WWIP Phase 2 schedule priority.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
22	-	????????	Muddy Creek Basin IWAP	\$ -	\$ -	\$ -	\$ 1,000,000	C	This project is added to support the Phase 2 planning. MSD to provide scope and cost to County for review and approval. MSD to provide project ID number.	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000

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23	21	11140100	Winton Woods IWAP	\$ 750,000	\$ -	\$ -	\$ -	N	All the IWAPs included in the 2015 CIP are not yet being executed. Those and others are to be included in the 2016 CIP with WWIP Phase 2 schedule priority.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
24	-	11170050	East Duck Creek IWAP	\$ -	\$ -	\$ -	\$ 1,000,000	C	This IWAP was funded in the 2015 CIP but not executed, so this project is added to 2016 CIP to support the Phase 2 planning. MSD to provide scope and cost to County for review and approval.	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
25	22	11143260	CSO 21 I-75 Reconstruction Coordination	\$ 2,988,600	\$ 2,988,600	\$ 2,988,600	\$ 2,988,600	Y		\$ -	\$ -	\$ 2,988,600	\$ -	\$ 2,988,600
26	23	11240000	Lick Run Valley Conveyance System	\$ 117,515,111	\$ 121,010,611	\$ 121,010,611	\$ 121,010,611	Y	Reconciliation of \$3,495,500 to be provided, including detail for additional property locations, costs and purpose for the funds.	\$ 3,495,500	\$ -	\$ 117,515,111	\$ -	\$ 121,010,611
27	24	11240001	Lick Run Property Demolitions	\$ 1,297,700	\$ 1,297,700	\$ 1,297,700	\$ 1,297,700	Y	Obtain County concurrence for land bank activities.	\$ -	\$ -	\$ 1,297,700	\$ -	\$ 1,297,700
28	25	11240110	Quebec Rd Sewer Separation	\$ 6,991,800	\$ 7,017,800	\$ 7,017,800	\$ 7,017,800	Y		\$ 26,000	\$ -	\$ 6,991,800	\$ -	\$ 7,017,800
29	26	11240130	Queen City Ave Sewer Separation Phase 2	\$ 9,866,500	\$ 9,905,500	\$ 9,905,500	\$ 9,905,500	Y	MSD to provide information regarding pole relocation issues.	\$ 39,000	\$ -	\$ 9,866,500	\$ -	\$ 9,905,500
30	27	11243140	CSO 217 483 Source Control Phase A	\$ 4,326,300	\$ 4,561,300	\$ 4,561,300	\$ 4,561,300	Y	Provide BCE including an analysis and results of residents alternatives. Provide by January 31, 2016 a plan for execution of the BCE.	\$ 140,000	\$ -	\$ 4,421,300	\$ -	\$ 4,561,300
31	28	11243141	CSO 217 483 Source Control Phase B	\$ 415,500	\$ 1,073,700	\$ 1,073,700	\$ 1,073,700	Y	Provide BCE including an analysis and results of residents alternatives. Provide by January 31, 2016 a plan for execution of the BCE. Provide reconciliation of cost increases for currently proposed project.	\$ 1,073,700	\$ -	\$ -	\$ -	\$ 1,073,700
32	29	11243142	CSO 217 483 Source control Phase A2	\$ 5,557,700	\$ 6,937,000	\$ 6,847,700	\$ 6,847,700	Y	Provide BCE including an analysis and results of residents alternatives. Provide by January 31, 2016 a plan for execution of the BCE. Provide reconciliation of cost increases for currently proposed project.	\$ 19,000	\$ -	\$ 6,828,700	\$ -	\$ 6,847,700
33	30		WWIP ALLOWANCES	\$ 15,500,000	\$ 15,040,000		\$ 14,260,000	4.87%		\$ 6,560,000	\$ 400,000	\$ -	\$ 7,300,000	\$ 14,260,000

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34	31	10180116	Main Sewer Renewal Program 2016	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	C	Consistent with an industry standard asset management program, MSD is to provide by January 15, 2016 reporting of footage renewed from past years expenditures and current projected footage renewal for 2016 compared against annual asset management and risk reduction targets.	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000
35	32	10180216	Manhole Renewal Program 2016	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	C	Consistent with an industry standard asset management program, MSD to provide by January 15, 2016 reporting of manholes renewed from past years' expenditures and current projected manhole renewal for 2016 compared against annual asset management and risk reduction targets. In addition, by jurisdiction, MSD to report quarterly, number of MHs raised and number of MHs repaired or rehabilitated.	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,300,000
36	33	10190316	Home Sewer Treatment systems Extensions 2016	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	Y		\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
37	34	10199016	Wet Weather Program Management and Support	\$ 5,300,000	\$ 4,840,000	\$ 4,840,000	\$ 3,660,000	Y	Remove items that have no scope definition.	\$ 3,660,000	\$ -	\$ -	\$ -	\$ 3,660,000
38		????????	WWIP Phase 2 Planning	N/A	N/A	N/A	\$ 200,000	C	Pulled from Wet Weather Program Management allowance. Provide County planning scope for approval. Please assign a Project ID number.	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
39	35	????????	Financial Tracking and Analyses	N/A	\$ -	\$ -	\$ 200,000	C	Pulled from Wet Weather Program Management allowance. Provide County analysis scope for approval. Please assign a Project ID number.	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
40	36	10199116	Hamilton County Utility Oversight and Coordination 2016	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	\$ 2,700,000	Y		\$ 2,700,000	\$ -	\$ -	\$ -	\$ 2,700,000
41	37	WWIP	LOCAL and LATERAL PROJECTS	\$ 7,095,700	\$ 4,911,692	\$ 4,911,692	\$ 4,911,692	1.68%		\$ -	\$ 974,892	\$ 3,936,800	\$ -	\$ 4,911,692
42	38	10320112	Parrakeet Drive Local Sewer (Hns 6002-6068)	\$ 266,100	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
43	39	10320058	Kern Drive & Springdale Road Local Sewer	\$ 907,200	\$ 901,600	\$ 901,600	\$ 901,600	Y		\$ -	\$ -	\$ 901,600	\$ -	\$ 901,600
44	40	10320060	Mapleknoll Drive Local sewer (HNs 9420-9562)	\$ 304,200	\$ 302,100	\$ 302,100	\$ 302,100	Y		\$ -	\$ -	\$ 302,100	\$ -	\$ 302,100

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45	41	10320065	Reemelin Road Local Sewer (HNs 3489-3860)	\$ 1,116,100	\$ 1,116,100	\$ 1,116,100	\$ 1,116,100	Y		\$ -	\$ -	\$ 1,116,100	\$ -	\$ 1,116,100
46	42	10320070	Crestnoll Lane Local Sewer (HNs 3491-3609)	\$ 907,800	\$ 907,800	\$ 907,800	\$ 907,800	Y		\$ -	\$ -	\$ 907,800	\$ -	\$ 907,800
47	43	10330037	Upper Road Local Sewer (HNs 6340-6434)	\$ 171,000	\$ 169,900	\$ 169,900	\$ 169,900	Y		\$ -	\$ -	\$ 169,900	\$ -	\$ 169,900
48	44	10370032	Coldstream Drive & Asbury Road Local Sewer	\$ 3,316,900	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
49	45	10430020	Foley Road Sewer Laterals (HNs 5579,5583- 5599, 5602)	\$ 31,400	\$ 31,400	\$ 31,400	\$ 31,400	Y		\$ -	\$ -	\$ 31,400	\$ -	\$ 31,400
50	46	10470025	Woodruff Road Sewer Lateral Assessment	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	Y		\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000
51	-	10320075	Old Blue Rock Road Local Sewer	N/A	\$ 182,100	\$ 182,100	\$ 182,100	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 182,100	\$ -	\$ 182,100
52	-	10370025	Kenwood Hills Local Sewer	N/A	\$ 974,892	\$ 974,892	\$ 974,892	C	Provide design scope and project benefits to the County for review and approval.	\$ -	\$ 974,892	\$ -	\$ -	\$ 974,892
53	-	10420015	Boomer Road Sewer Lateral	N/A	\$ 30,100	\$ 30,100	\$ 30,100	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 30,100	\$ -	\$ 30,100
54	-	10430030	Werk Road Sewer Lateral	N/A	\$ 40,300	\$ 40,300	\$ 40,300	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 40,300	\$ -	\$ 40,300
55	-	10440055	E. Galbraith Sewer Lateral	N/A	\$ 45,400	\$ 45,400	\$ 45,400	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 45,400	\$ -	\$ 45,400
56	-	10450016	Enyart Rd Lateral	N/A	\$ 40,300	\$ 40,300	\$ 40,300	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 40,300	\$ -	\$ 40,300
57	-	10450017	Enyart Rd Lateral	N/A	\$ 34,500	\$ 34,500	\$ 34,500	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 34,500	\$ -	\$ 34,500
58	-	10450025	E. Kemper Road Sewer Lateral	N/A	\$ 25,000	\$ 25,000	\$ 25,000	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
59	-	10460000	Drake Road Sewer Lateral	N/A	\$ 35,200	\$ 35,200	\$ 35,200	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 35,200	\$ -	\$ 35,200
60	47		TOTAL AM PROJECTS	\$ 92,843,395	\$ 70,967,495	\$ 70,612,295	\$ 63,517,795	21.70%		\$ 1,750,000	\$ 4,289,203	\$ 7,546,690	\$ 49,931,902	\$ 63,517,795
61	48		AM_PROJECTS	\$ 68,068,395	\$ 40,967,495	\$ 40,612,295	\$ 36,017,795	12.30%		\$ -	\$ 1,782,203	\$ 7,546,690	\$ 26,688,902	\$ 36,017,795
62	49	10220054	Bruestle Avenue Pump Station Elimination	\$ 715,300	\$ 702,200	\$ 702,200	\$ 702,200	Y		\$ -	\$ -	\$ 702,200	\$ -	\$ 702,200
63	50	10220061	Whitewater Township Regional Sewer District Phase III SR 128 Sewer Extension	\$ 6,142,500	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
64	51	10221245	Taylor Creek WWTP Disinfection Upgrade	\$ 127,000	\$ 147,000	\$ 147,000	\$ 147,000	C	Provide BCE based upon local testing data.	\$ -	\$ 147,000	\$ -	\$ -	\$ 147,000
65	52	10230031	CSO 404,405,410,411 Outfall Reconstruction	\$ 720,900	\$ 720,900	\$ 720,900	\$ 720,900	Y		\$ -	\$ -	\$ 720,900	\$ -	\$ 720,900

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66	53	10230041	Westport Village PS Elimination	\$ 967,100	\$ 967,100	\$ 967,100	\$ 967,100	C	Condition Score listed as "Good" (structure), "Good" (pump) and "Good" (electrical) in Pump Station Prioritization Study with a priority ranking of 20 out of 107. Need to reassess need for project and obtain County approval.	\$ -	\$ -	\$ -	\$ 967,100	\$ 967,100
67	54	10230130	Dry Weather Channel for SS 937	\$ 3,110,400	\$ -	\$ -	\$ -	N	Start Construction 12 Months after operation and demonstration of the WVEHRT Pilot Facility.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
68	-	10230155	Darwin Avenue Sewer Backup Remediation		\$ 54,500	\$ 54,500	\$ 54,500	Y	New Project proposed by MSD to 2016 CIP	\$ -	\$ -	\$ 54,500	\$ -	\$ 54,500
69	55	10240027	Cora Avenue Sewer Replacement	\$ 647,100	\$ 647,100	\$ 647,100	\$ 647,100	Y		\$ -	\$ -	\$ 647,100	\$ -	\$ 647,100
70	56	10240029	German Cemetery Sewer Replacement	\$ 677,000	\$ 677,000	\$ 677,000	\$ 677,000	Y		\$ -	\$ -	\$ 677,000	\$ -	\$ 677,000
71	57	10240245	Mill Creek WWTP Service Water (NPW)	\$ 4,592,300	\$ 4,592,300	\$ 4,611,600	\$ -	N	Move to 2017 CIP	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
72	58	10240275	SSO 603 and 704 Improvements	\$ 1,593,600	\$ -		\$ -	R	Project should be delayed pending completion of SSO 700 IWAP.	Removed	Removed	Removed	Removed	\$ -
73	59	10240291	Mill Creek WWTP Solids Handling Improvements Phase 1	\$ 12,159,200	\$ 12,159,200	\$ 12,212,100	\$ 12,212,100	C	Contingent upon County approval of a District-Wide Solids Management Master Plan to be provided by MSD.	\$ -	\$ 52,900	\$ -	\$ 12,159,200	\$ 12,212,100
74	60	10240320	Wilder Avenue Sewer Replacement	\$ 342,900	\$ 342,900	\$ 342,900	\$ 342,900	Y		\$ -	\$ -	\$ 342,900	\$ -	\$ 342,900
75	61	10240350	McKeone Avenue Sewer Replacement	\$ 103,000	\$ 103,000	\$ 103,000	\$ 103,000	Y		\$ -	\$ -	\$ 103,000	\$ -	\$ 103,000
76	62	10240365	Quebec Road Sewer Replacement	\$ 427,400	\$ 427,400	\$ -	\$ -	R	MSD delayed to 2017 CIP	Removed	Removed	Removed	Removed	\$ -
77	63	10240375	Carpenters Run Pump Station Upgrade	\$ 503,500	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
78	64	10240380	CSO 005 Water Connection	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000	C	BCE type document and Const. Documents are to be provided with Construction Legislation for authorization.	\$ -	\$ -	\$ -	\$ 71,000	\$ 71,000
79	65	10240382	CSO 5 (Lick Run RTC) Improvements	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	N	No BCE Provided.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
80	66	10240430	Berkley Avenue Sewer Replacement	\$ 583,300	\$ 583,300	\$ 583,300	\$ 583,300	Y		\$ -	\$ -	\$ 583,300	\$ -	\$ 583,300
81	67	10240435	Pleasant Run Central Force Main Repairs	\$ 1,162,200	\$ 1,162,200	\$ 1,162,200	\$ 1,162,200	Y		\$ -	\$ -	\$ 1,162,200	\$ -	\$ 1,162,200
82	68	10240450	Vinton Street - Beekman to Liddell Street Sewer Replacement	\$ 204,200	\$ 204,200	\$ 204,200	\$ 204,200	C	Provide BCE to confirm whether the project separates stormwater from CSO 005.	\$ -	\$ -	\$ -	\$ 204,200	\$ 204,200
83	69	10240455	Spring Grove Avenue Sewer Relacement and Rehabilitation	\$ 540,900	\$ 540,900	\$ 540,900	\$ 540,900	Y		\$ -	\$ -	\$ 540,900	\$ -	\$ 540,900

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84	70	10240465	Hosea Street Sewer Replacement	\$ 397,900	\$ 397,900	\$ 397,900	\$ -	N	MSD to reevaluate downstream capacity.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
85	71	10240495	Wahl Terrace Sewer Replacement	\$ 251,200	\$ 251,200	\$ 251,200	\$ 251,200	C	Contingent upon County approval of BCE.	\$ -	\$ 251,200	\$ -	\$ -	\$ 251,200
86	72	10240540	Spring Grove Ave Township St. Sewer Improvements	\$ 695,200	\$ 695,200	\$ 695,200	\$ 695,200	Y		\$ -	\$ -	\$ 695,200	\$ -	\$ 695,200
87	73	10240590	Mill Creek WWTP Main Substation Improvements	\$ 5,083,000	\$ 5,728,100	\$ 5,728,100	\$ 5,728,100	C	Propose project delivery method and obtain County approval.	\$ -	\$ 319,100	\$ -	\$ 5,409,000	\$ 5,728,100
88	74	10240615	Mill Creek WWTP Primary Settling and Primary Skimming Thickening Building Odor Control	\$ 2,973,700	\$ -		\$ -	R		Removed	Removed	Removed	Removed	\$ -
89	75	10240635	Mill Creek WWTP Plant Influent and Headworks Odor Control	\$ 973,500	\$ -	\$ -	\$ 1,259,000	C	Design funding was legislated in 2015. No construction funding was legislated in 2015. MSD to provide updated information and identify which project costs are to be funded from WWT Asset Renewal.	\$ -	\$ -	\$ -	\$ 1,259,000	\$ 1,259,000
90	76	10240645	Mill Creek WWC Maintenance Shop Improvements	\$ 1,018,490	\$ 1,018,490	\$ 1,018,490	\$ 1,018,490	Y		\$ -	\$ -	\$ 1,018,490	\$ -	\$ 1,018,490
91	77	10240650	Hackberry Street sewer Replacement	\$ 280,900	\$ 280,900	\$ 280,900	\$ 280,900	C	Contingent upon County approval of BCE.	\$ -	\$ 280,900	\$ -	\$ -	\$ 280,900
92	78	10240660	Mill Creek WWTP Gravity Thickeners Odor Control	\$ 926,805	\$ 926,805	\$ 926,805	\$ 926,805	C	Provide BCE that justifies project and quantifies the degree of offsite odor reduction.	\$ -	\$ 138,903	\$ -	\$ 787,902	\$ 926,805
93	79	10240665	Mill Creek WWTP Septage Receiving Station Odor Control Improvements	\$ 1,193,400	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
94	80	10240680	Banning Alley Sewer Replacement	\$ 85,100	\$ -	\$ -	\$ -	R	Project Completed via Emergency Repair 2015.	Removed	Removed	Removed	Removed	\$ -
95	81	10240685	Division of Industrial Waste Building roof Replacement	\$ 250,000	\$ 532,500	\$ 532,500	\$ 532,500	C	BCE type document and Constrction Documents are to be provided with Construction Legislation for authorization. MSD to explain why project cost has doubled.	\$ -	\$ 32,500	\$ -	\$ 500,000	\$ 532,500
96	82	10240690	Mill Creek Low Head Dam Mitigation	\$ 200,000	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
97	83	10250030	Polk Run UV System Post Aeration	\$ 1,510,000	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
98	84	10250035	Polk Run Non-Potable Water Upgrades	\$ 255,000	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -

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99	85	10260025	South Clippinger Force Main Replacement and Pump Station Upgrade	\$ 444,000	\$ 444,000	\$ 444,000	\$ -	N	Condition Score listed as "Good" (structure), "Good" (pump) and "Fair" (electrical) in Pump Station Prioritization Study with a priority ranking of 19 out of 107.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
100	86	10270007	Dry Run Area Sewers Phase 2 Contract RB	\$ 7,181,100	\$ -	\$ -	\$ -	R	Project appears to be a sewer extension.	Removed	Removed	Removed	Removed	\$ -
101	87	10270008	Dry Run Sewers Contract 8M	\$ 5,331,500	\$ 5,352,100	\$ 5,352,100	\$ 5,352,100	C	Purpose and need for miscellaneous expenses to be provided to County for review and approval.	\$ -	\$ 20,600	\$ -	\$ 5,331,500	\$ 5,352,100
102	88	10270026	Camargo Canyon Pump Station Elimination	\$ 620,100	\$ -	\$ -	\$ -	R		Removed	Removed	Removed	Removed	\$ -
103	89	10270145	Columbia Parkway at Delta Sewer Replacement	\$ 299,000	\$ 299,000	\$ 299,000	\$ 299,000	Y		\$ -	\$ -	\$ 299,000	\$ -	\$ 299,000
104	90	10270150	3981 Watterson Rd Sewer Replacement	\$ 184,400	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
105	91	10270175	East Hill Ave Sewer Replacement	\$ 1,465,500	\$ -	\$ -	\$ -	R	Delayed to 2017 CIP by MSD	Removed	Removed	Removed	Removed	\$ -
106	92	10270185	Paxton Ave at Linwood Ave Sewer Replacement	\$ 118,700	\$ -	\$ -	\$ -	R	MSD wants to legislate in 2015.	Removed	Removed	Removed	Removed	\$ -
107	93	10270190	Columbia Square Development Separation	\$ 139,100	\$ 139,100	\$ 139,100	\$ 139,100	C	Contingent upon County approval of BCE.	\$ -	\$ 139,100	\$ -	\$ -	\$ 139,100
108	94	10280505	Pump Station Telemetry System Upgrades	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	C	Contingent upon County approval of BCE.	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000
109	95	10280510	Centralized Grit Handling Facility	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	N	Fund this project from 10280214 CIP Project Planning Allowance.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
110	96		AM_ALLOWANCES	\$ 24,775,000	\$ 30,000,000	\$ 30,000,000	\$ 27,500,000	9.39%		\$ 1,750,000	\$ 2,507,000	\$ -	\$ 23,243,000	\$ 27,500,000
111	97	10280124	CIP Project Planning	\$ 2,500,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	Y		\$ 1,750,000	\$ -	\$ -	\$ -	\$ 1,750,000
112	98	10280186	WWT System Asset Renewal 2016	\$ 3,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	C	Allocate as follows: MCWWTP - \$1.5M MuCWWTP - \$0.25M LMWWTP - \$0.25M Provide County a BCE for projects greater than \$100k to provide BCE that defines and evaluates scope as separate projects, unless waived by County. Access to Funds contingent on providing the following: • A risk and criticality ranking for each listed project. • Indicate how and why the listed projects are the highest risk and criticality projects within the WWT Facilities.	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

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113	99	10280236	Hydraulic Modeling 2016	\$ 1,000,000	\$ 750,000	\$ 750,000	\$ 750,000	C	Contingent upon MSD providing the following information that is acceptable to the County. 1) Details on specific expenditures within the Allowance; 2) Indicate which models will be updated in 2016 to meet MSD's current Modeling Standards (Version 3).	\$ -	\$ 750,000	\$ -	\$ -	\$ 750,000
114	100	10280316	Emergency Sewer Repairs 2016 [f.k.a. "Prioritized Wastewater Collection System Improvements 2016"]	\$ 10,000,000	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	C	Restore to two allowances: Emergency Sewer Repairs & High Risk Asset Renewal [Permit interchangeability of funding between 10280316 and 10280516 allowances] Consistent with an industry standard asset management program, MSD to provide by January 15, 2016, past years footage inspected and cleaned, scheduled years to complete remaining uninspected sewer segments, projected 2016 footage to be renewed or replaced, current annual asset renewal rate and target renewal rate, footage of Extreme and High Criticality pipes renewed or replaced, footage of Extreme and High Criticality pipe known to be remaining.	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 7,000,000
115	101	10280516	High Risk Asset Renewal 2016 [f.k.a. "Prioritized Wastewater Collection System Improvements 2016"]	N/A	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	C	Restore to two allowances: Emergency Sewer Repairs & High Risk Asset Renewal [Permit interchangeability of funding between 10280316 and 10280516 allowances] Emerg. Sewer Repairs High Risk Asset Renewal [Permit inchangeability of funding between these allowances] Same conditions as for 10280316 Emergency Sewer Repairs 2016.	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000

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5	Initial ROW No.	Project ID	Projects by Program	MSD's Aug. 13, 2015 Requested Funding	MSD's Nov. 10, 2015 Requested Funding	MSD's Nov. 15, 2015 Requested Funding	Current County Monitor Recommended Funding as of Nov. 20, 2015	County Monitor Recommendation Y=Yes C=Conditional N=No R=Removed by MSD	County Monitor Comments	Total PDE and Allowances if Approved in CIP	(Conditional) Total PDE and Allowances if Approved in CIP	Total Construction if Approved in CIP	(Conditional) Total Construction if Approved in CIP	Total
116	102	10280516	Building Sewer Renewal program 2016	\$ 5,000,000	\$ 3,000,000	\$ 3,000,000	\$ 1,000,000	C	Provide BCE to evaluate risk and recommend policy change. Funds provided to support emergency repair of laterals (building sewers). Funding recognizes potential delays resulting from analyses and the likely need for Policy or Rule change.	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
117	103	10280616	Water Quality Program 2016	\$ 3,275,000	\$ 500,000	\$ 500,000	\$ -	N	MSD asked the Monitor to re- evaluate this request. The scope identified for this is operational and maintenance, and not capital. WQ sampling is not being coordinated with IWAPs.	Not Recommended	Not Recommended	Not Recommended	Not Recommended	\$ -
118	104	10240695	WWTP Capital Improvements (Odor Control)	N/A	\$ 250,000	\$ 250,000	\$ 250,000	C	Moved from Operating Budget (Odor Control Category). Requires a BCE for County review.	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000
119	105	10240700	Security	N/A	\$ 250,000	\$ 250,000	\$ 250,000	C	Moved from Operating Budget (Security Category). Provide security assessment report for County review and approval.	\$ -	\$ 7,000	\$ -	\$ 243,000	\$ 250,000
120	-	10290145	Financial Management System Integration	N/A	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	C	MSD to provide scope and cost for system assessment effort for County review and approval. Scope should be phased to allow for assessment of benefits before proceeding to next phase.	\$ -	\$ 1,500,000	\$ -	\$ -	\$ 1,500,000
121	106	10280716	Asset Management Projects	N/A	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	C	New Allowance proposed by County to address critical assets. County will provide direction as to how this allowance will be used no later than January 31, 2016.	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000
122	107		OTHER	\$ 11,500,000	\$ 11,500,000	\$ 11,500,000	\$ 11,500,000	3.93%						
123	108	13090000	Programmatic Contingency	\$ 11,500,000	\$ 11,500,000	\$ 11,500,000	\$ 11,500,000	Y		\$11,500,000				\$ 11,500,000
124	109													
125	110													
126	111		Totals:	\$ 319,736,506	\$ 287,554,498	\$ 287,109,998	\$ 281,235,498	(without Programmatic Contingency)		\$ 14,896,700	\$ 7,751,795	\$ 201,355,101	\$ 57,231,902	\$ 292,735,498
127	112		Totals:	\$ 331,236,506	\$ 299,054,498	\$ 298,609,998	\$ 292,735,498	(includes Programmatic Contingency)						
128										Total Construction for Allowances (recommended):			\$ -	
129										Total PDE (recommended):			\$ 14,896,700	
130										Total Const. Allowances (conditional recommended):			\$ 30,543,000	
131										Total PDE (conditional recommended):			\$ 7,751,795	

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5																
132										Total Construction (recommended):			\$ 201,355,101			
133										Total Construction (conditional recommended):			\$ 26,688,902			
134										Total of WWIP in CIP:	\$ 217,717,703	Total Funding Recommended by County Monitor (without contingency included):			\$ 281,235,498	
135										Total of Asset Management in CIP:	\$ 63,517,795		Total PDE (non-allowance):		\$ 11,431,495	
										Program Contingency Calculation (Project ID 13090000):	\$ 11,500,000		Allowances (non-construction related):		\$ 11,217,000	
136													Allowances (construction related):		\$ 30,543,000	
137													Construction (non-allowance):		\$ 228,044,003	
138													Total CIP w/o Prog. Contingency:		\$ 281,235,498	
139												Total PDE (projects & allowances):			\$ 22,648,495	
141												Total CIP with Prog. Contingency:			\$ 292,735,498	
142															Total Funds to be Authorized by 2016 CIP Resolution: \$ 64,691,495	
144																